Recommended Land Management for the Water Quality Protection Lands Austin, Texas

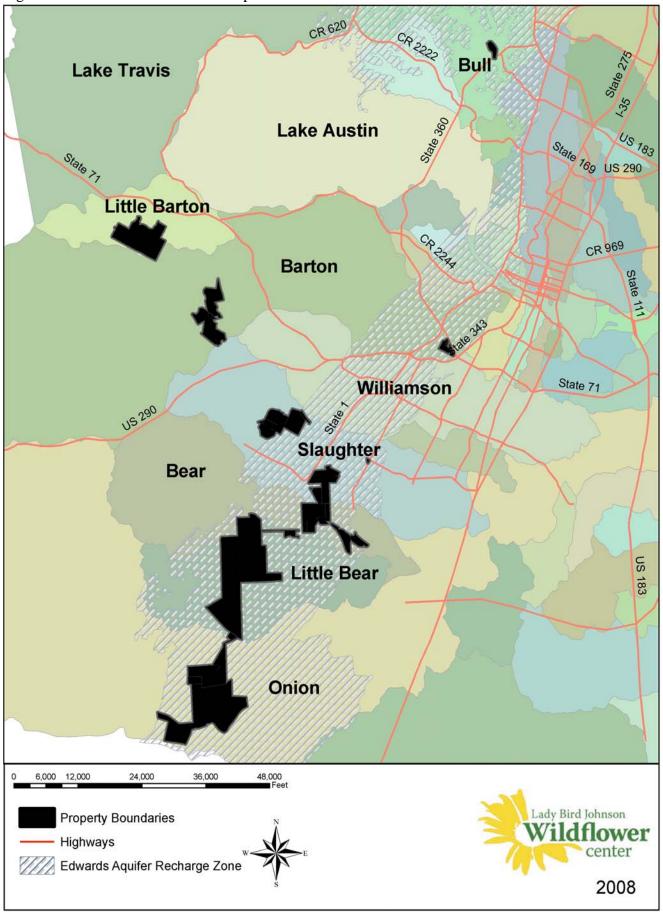
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Figure 1.1.1 Watershed Location Map



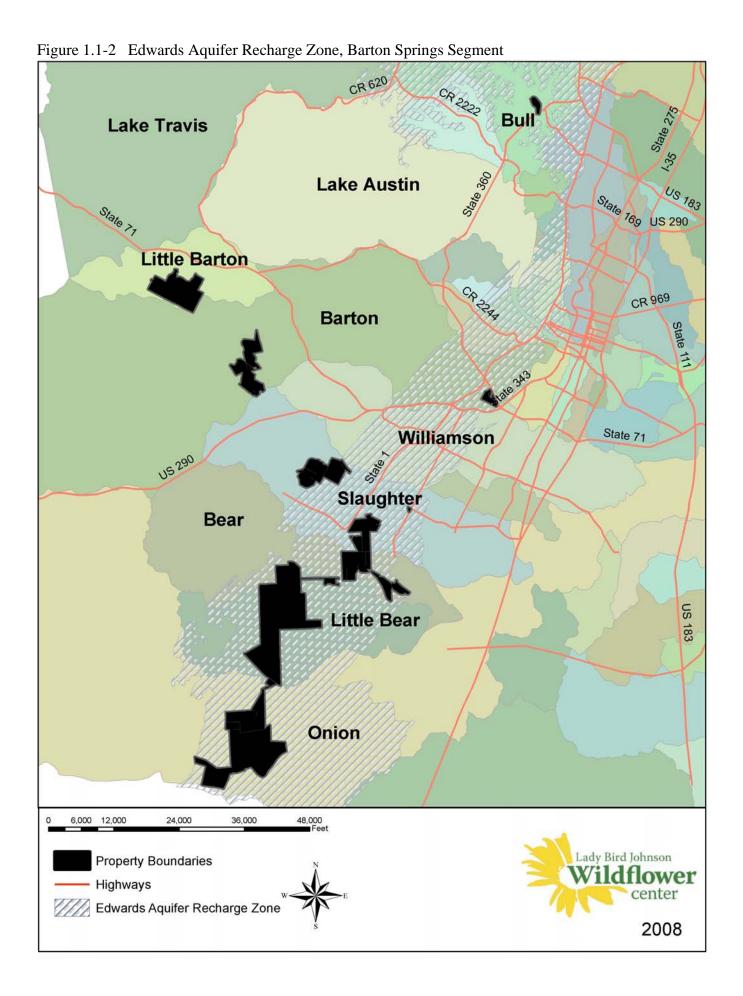


Figure 2.1-1 Geology

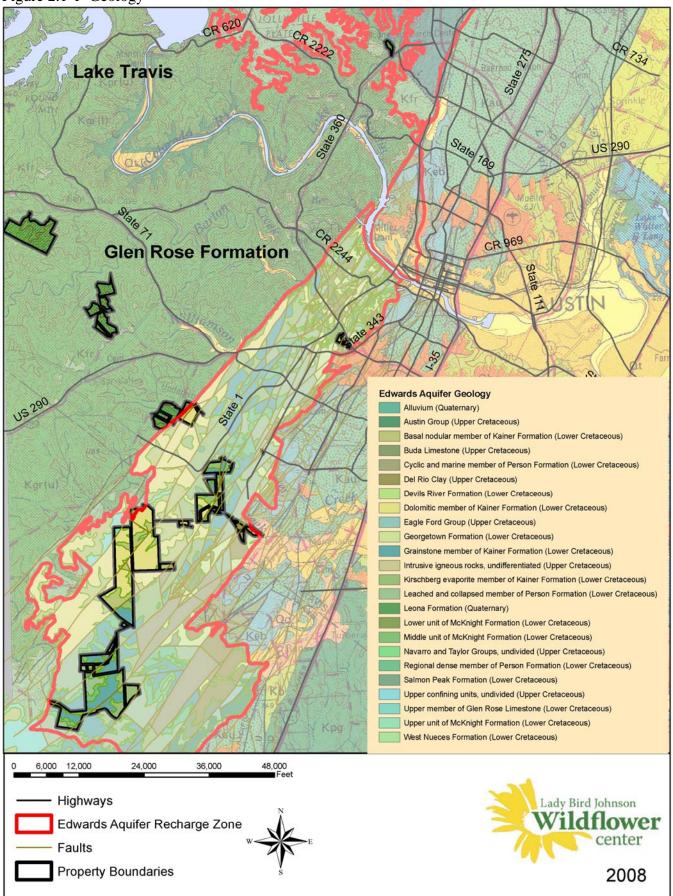
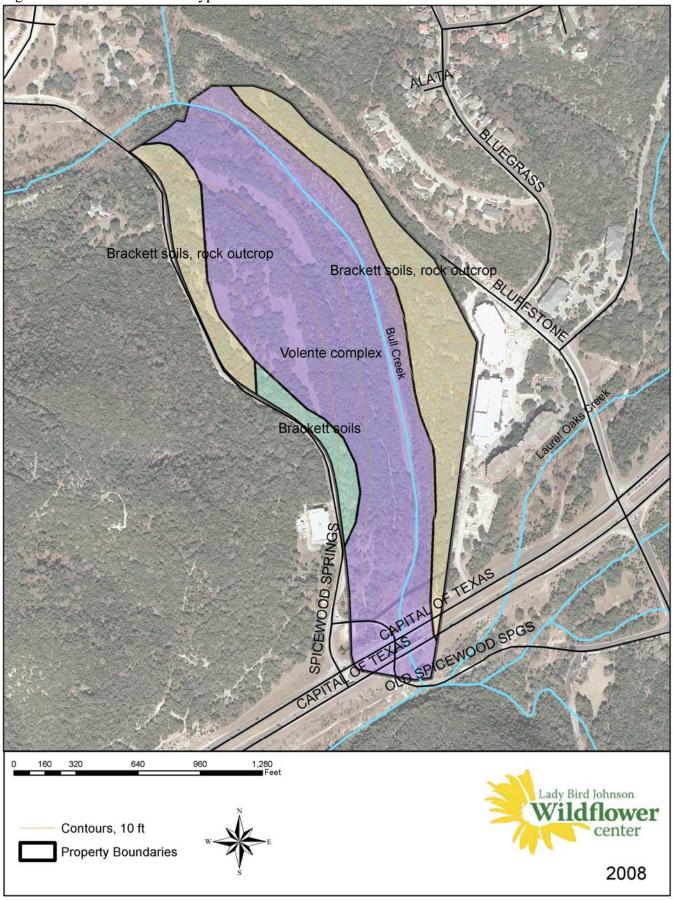
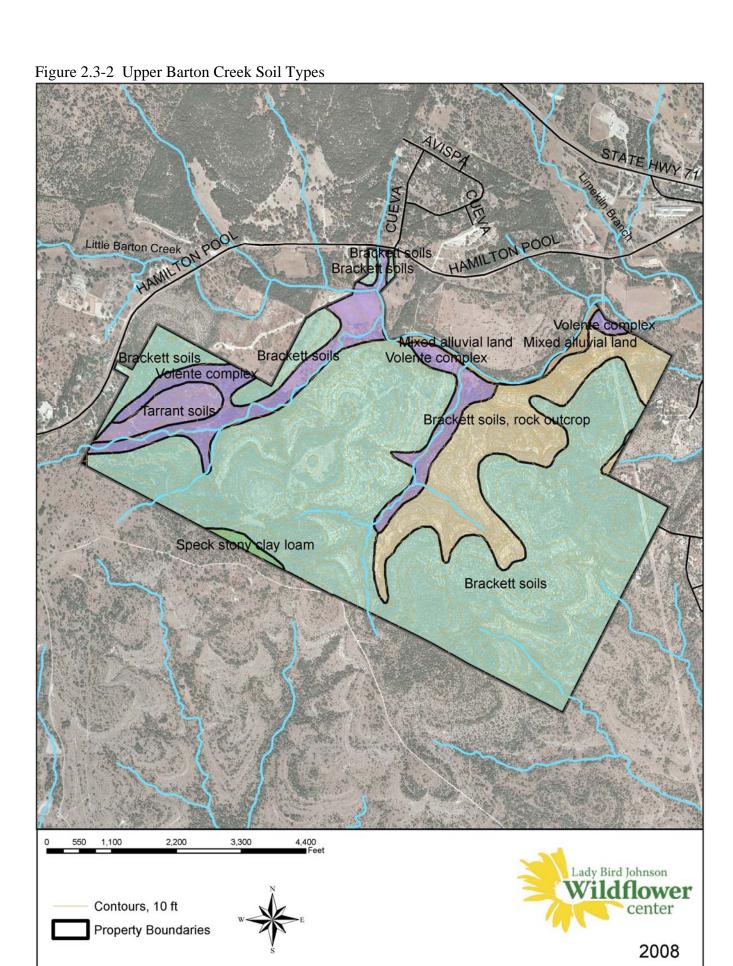
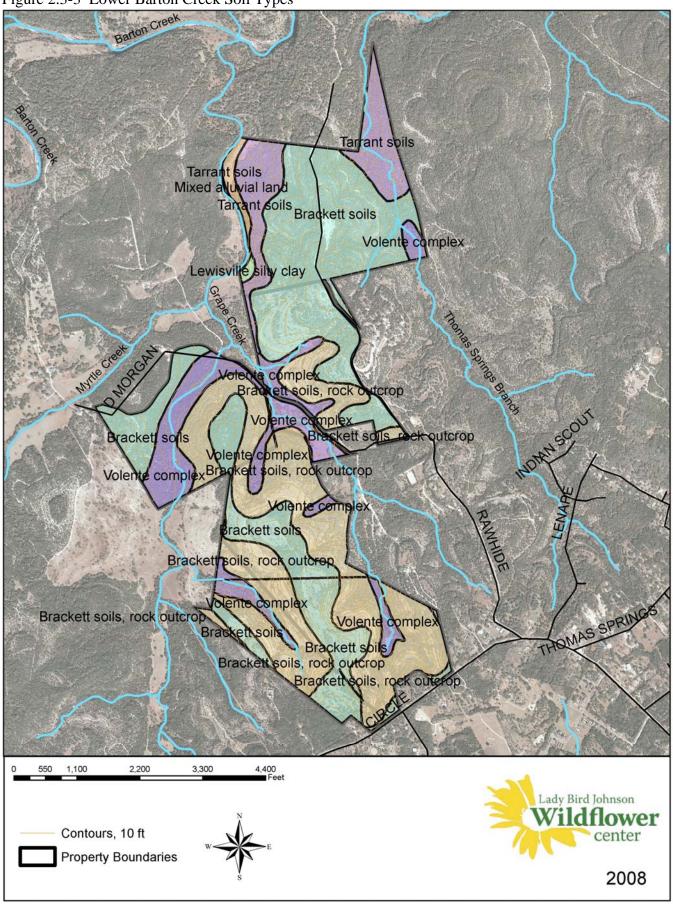


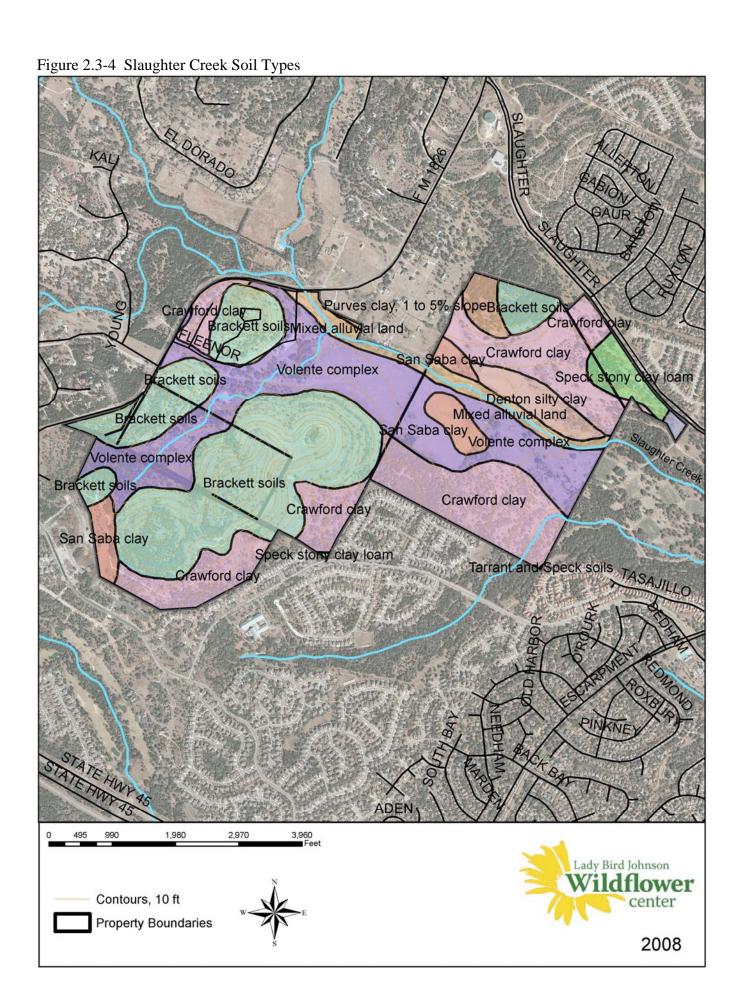
Figure 2.3-1 Bull Creek Soil Types



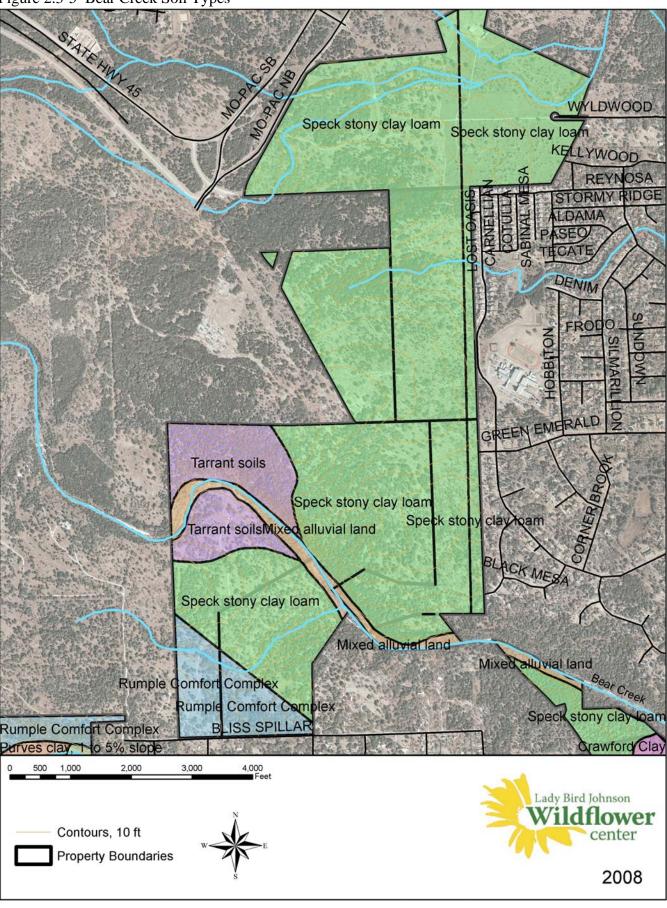












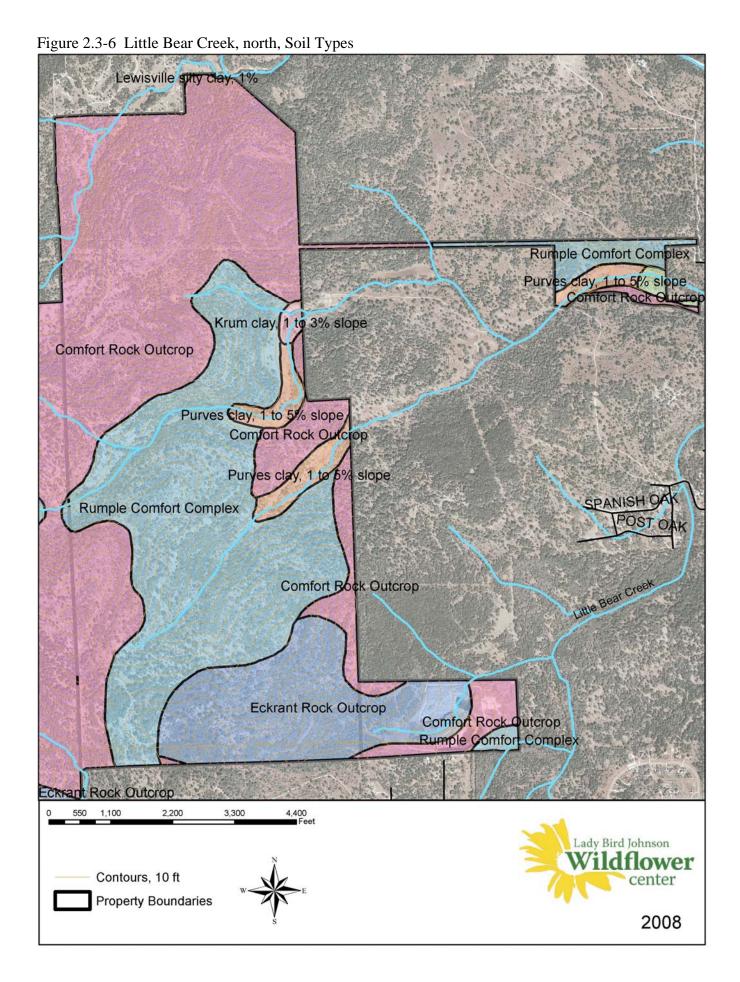


Figure 2.3-7 Little Bear Creek, south, Soil Types Krum clay, 1 to 3% slope Comfort Rock Outcrop Purves clay, 1 to 5% sope Comfort Rock Outcrop Purves clay, 1 to 5% slope **Bumple Comfort Complex** Rumple Comfort Complex Comfort Rock Outcrop **Eckrant Rock Outcrop** Comfort Rock Outcrop Eckrant Rock Outcrop Lower Bear Creek Management Unit Little Bear Creek Management Unit ED OAK IVE OA Targley Clay Rumple Comfort Complex Purves clay, 1 to 5% slope ittle Bear Creek FM 967 6,800 Feet 3,400 5,100 850 1,700 Lady Bird Johnson Contours, 10 ft center **Property Boundaries** 2008

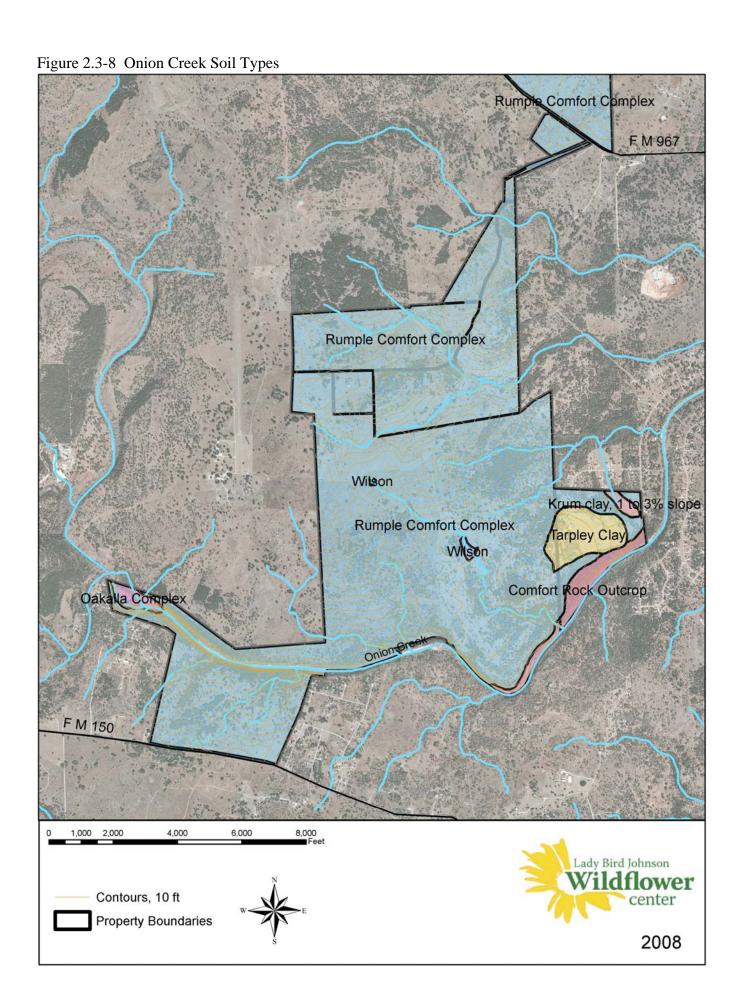
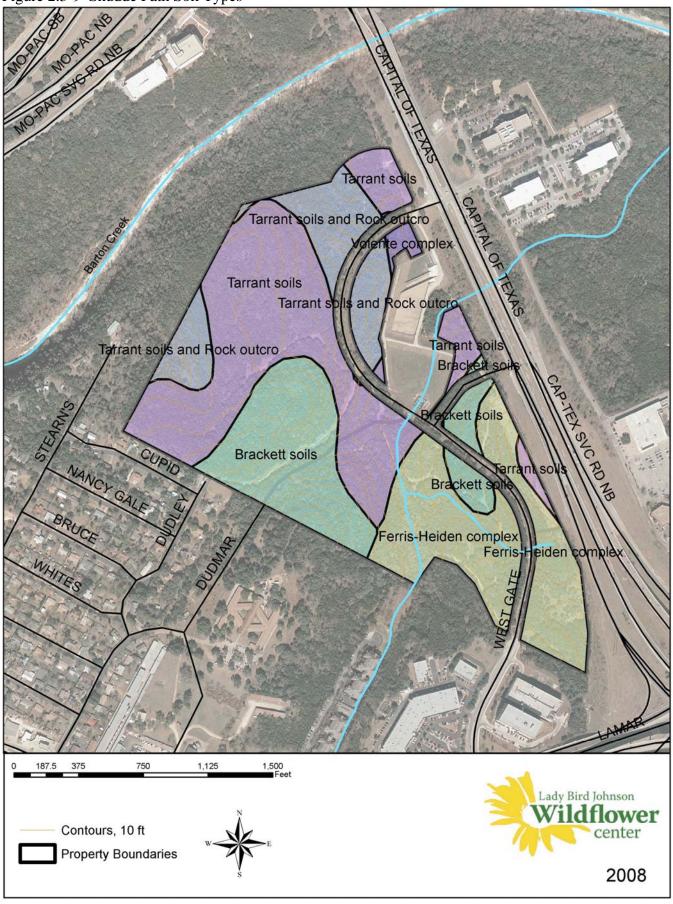
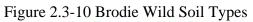


Figure 2.3-9 Shudde Fath Soil Types





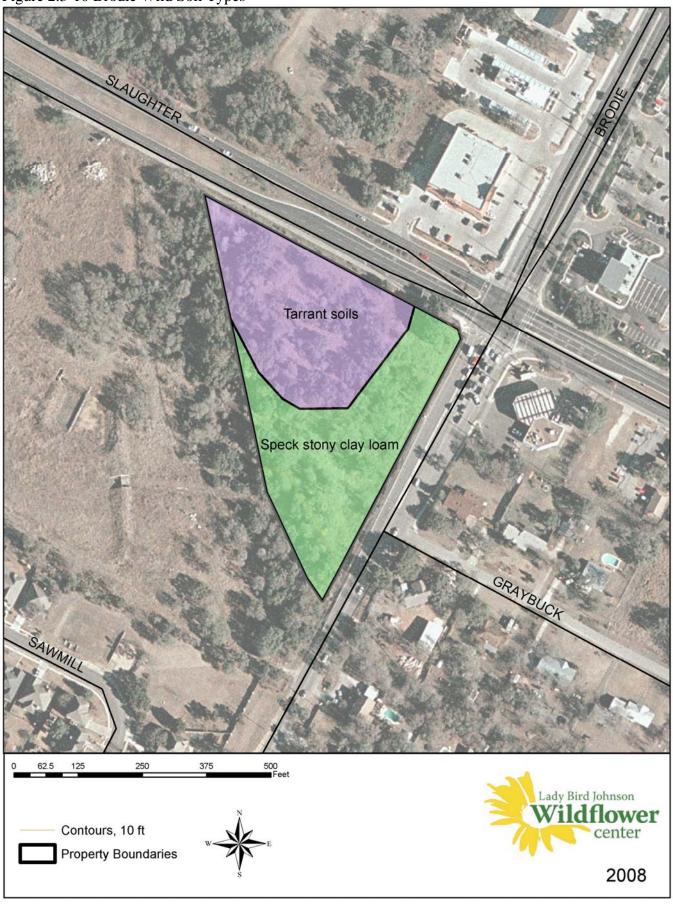


Figure 2.3-11 Bull Creek Ecological Sites

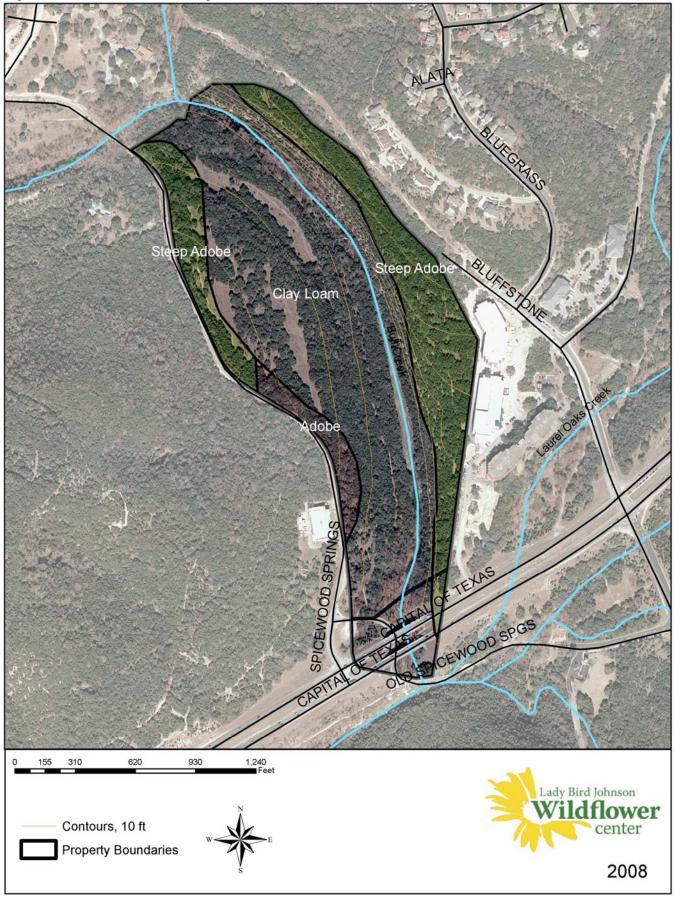
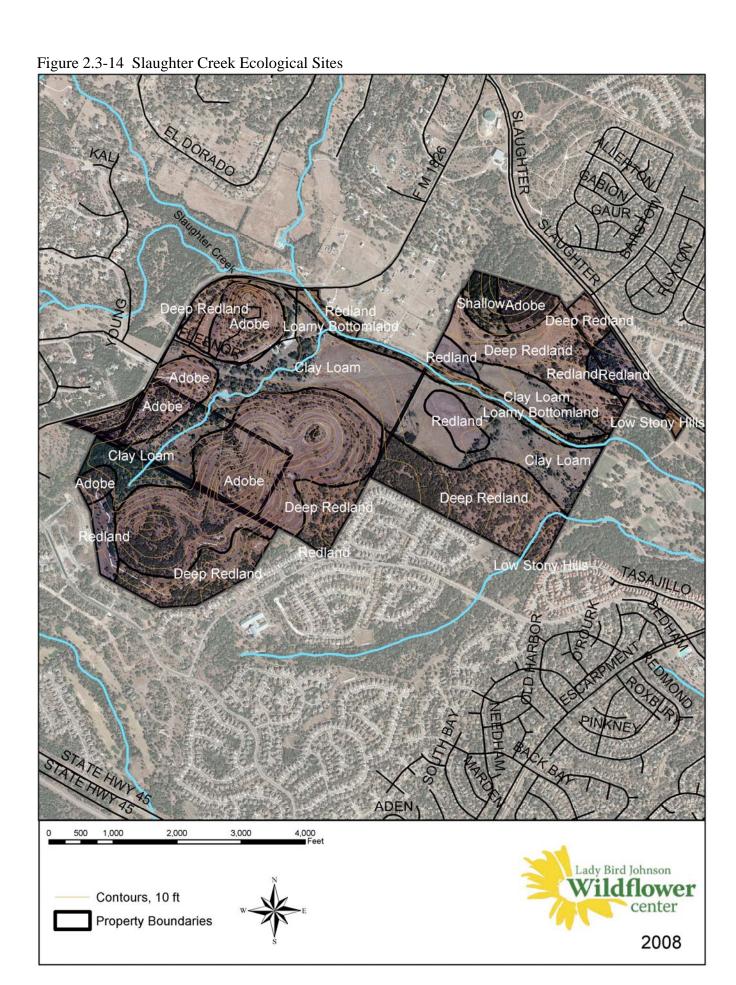
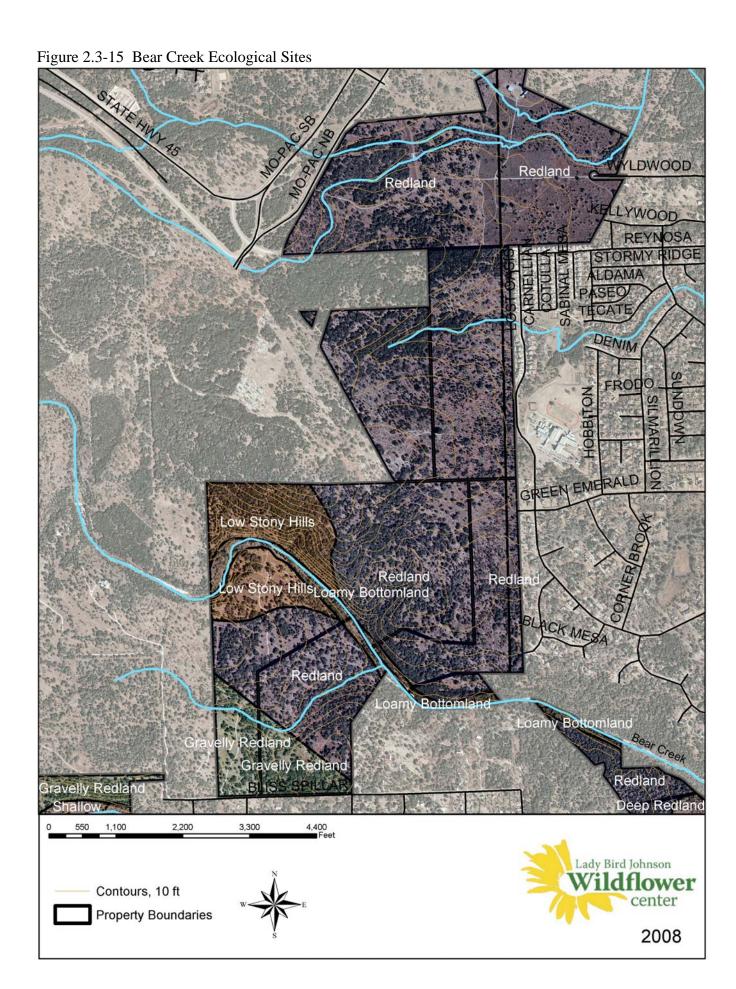


Figure 2.3-12 Upper Barton Creek Ecological Sites HAMILTON POOL Little Barton Creek POO Bottomland Clay Loam Low Stony Hills Steep Adobe Adobe Redland 500 1,000 2,000 3,000 4,000 Feet Lady Bird Johnson dflower Contours, 10 ft center Property Boundaries 2008

Figure 2.3-13 Lower Barton Creek Ecological Sites Barton Creek Stony Bottomland Loamy Stony Hills Adobe Loam Adobe Clay Loam Steep Adobe lay Loam dobe eep Adobe 2,200 3,300 4,400 Feet 550 1,100 Lady Bird Johnson flower Contours, 10 ft center Property Boundaries

2008





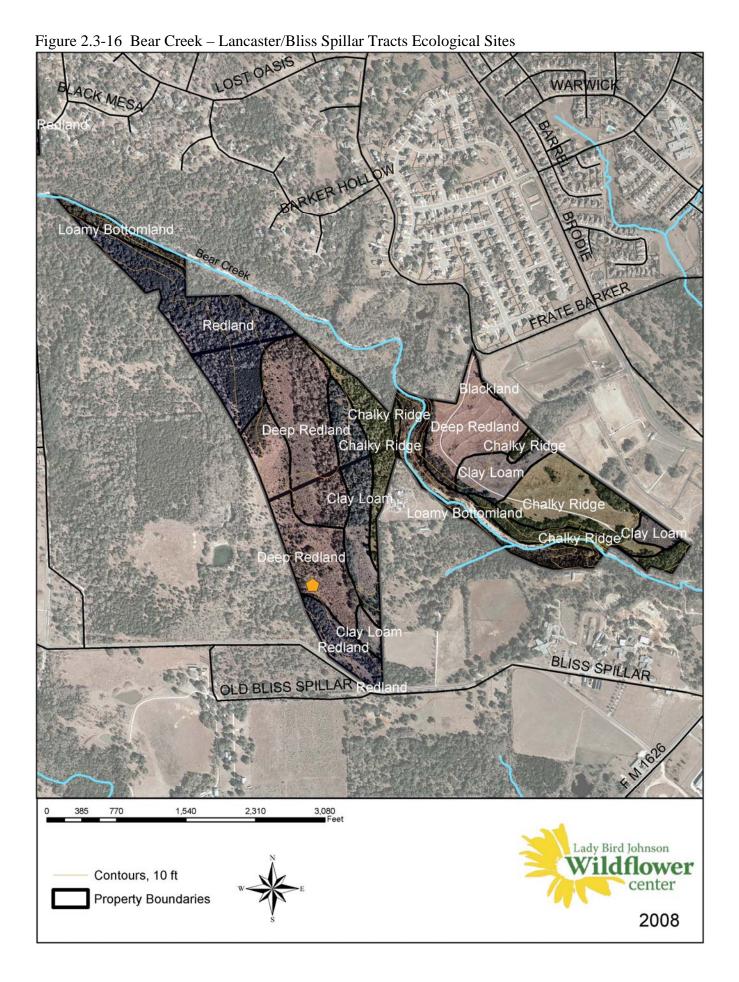


Figure 2.3-17 Little Bear Creek, north, Ecological Sites Loam Redland Low Stony Hills Gravelly Redland Gravelly Redland Low Stony Hills Gravelly Redland Steep Adobe 625 1,250 2,500 3,750 5,000 Feet Lady Bird Johnson dflower Contours, 10 ft center Property Boundaries 2008

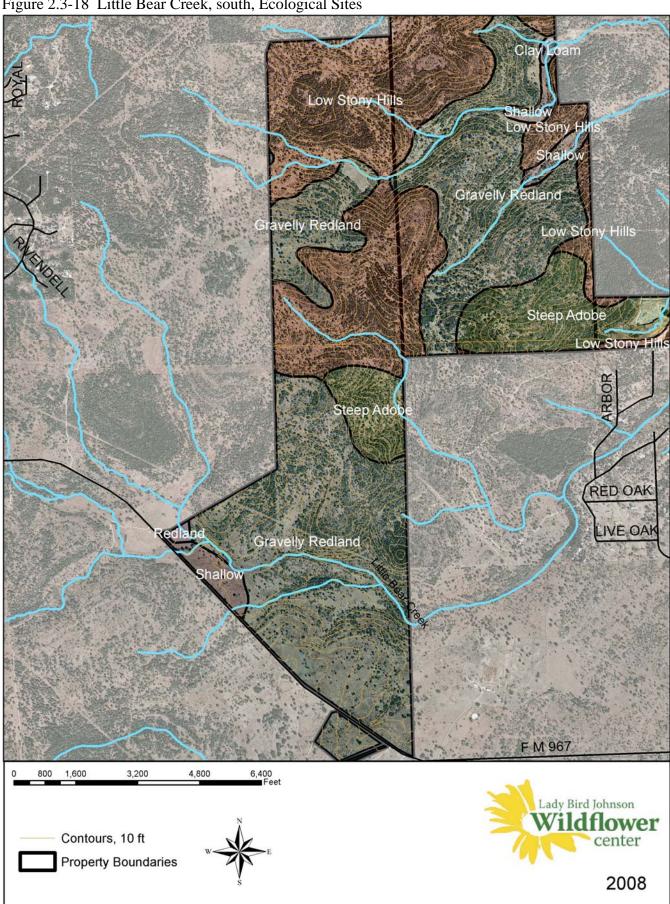


Figure 2.3-18 Little Bear Creek, south, Ecological Sites

Figure 2.3-19 Onion Creek Ecological Sites Gravelly Redland FM 967 Gravelly Rediano Water Redland Gravelly Redland Low Stony Hills Bottomland FM 150 1,200 2,400 4,800 7,200 9,600 Feet Lady Bird Johnson dflower Contours, 10 ft center Property Boundaries

2008

Figure 2.3-20 Shudde Fath Ecological Sites

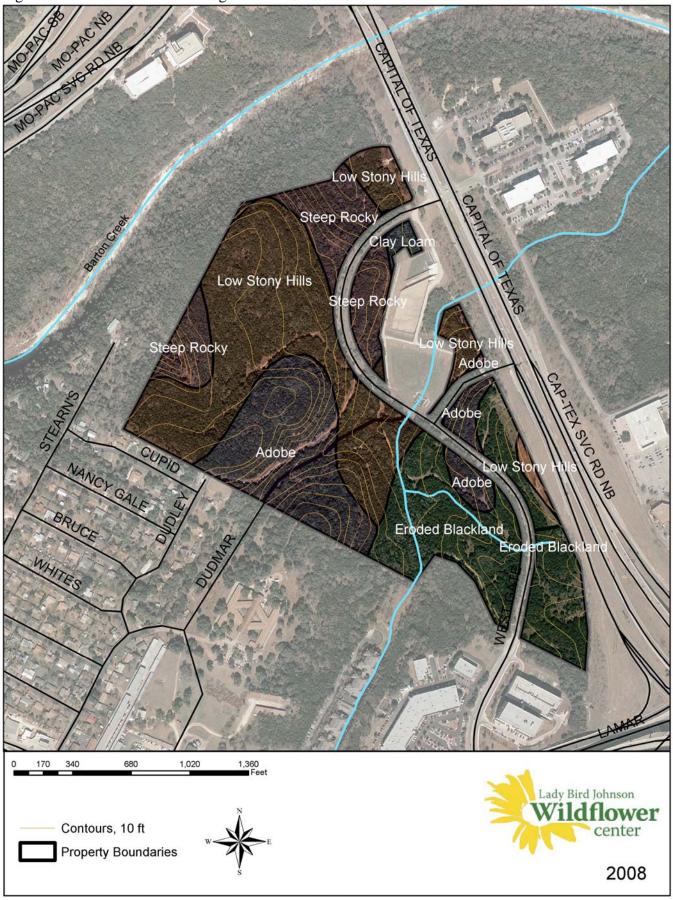


Figure 2.3-21 Brodie Wild Ecological Sites

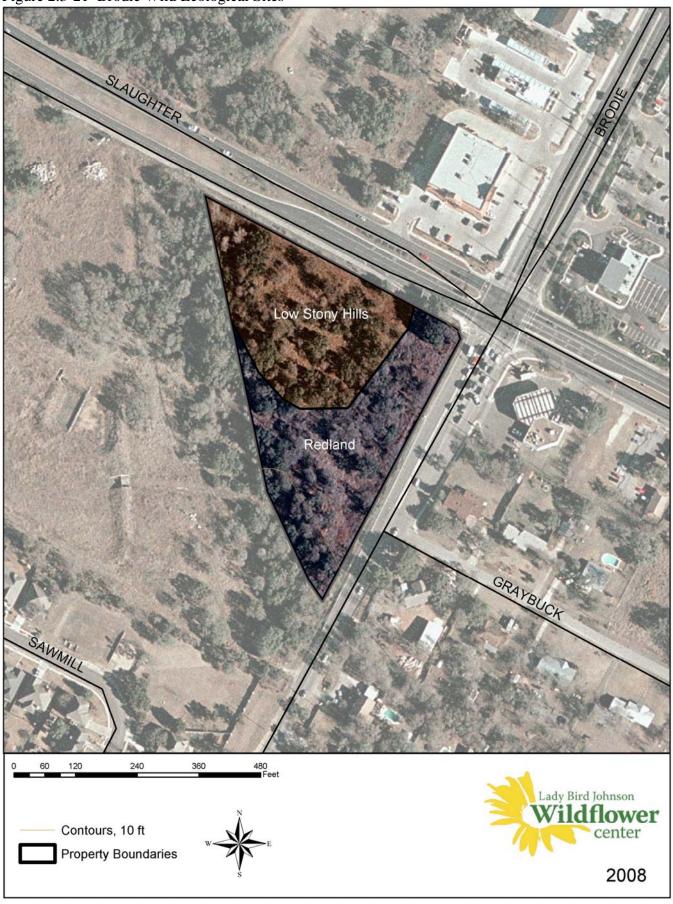


Figure 2.3-22 Upper Barton Creek Golden-cheeked warbler Surveys

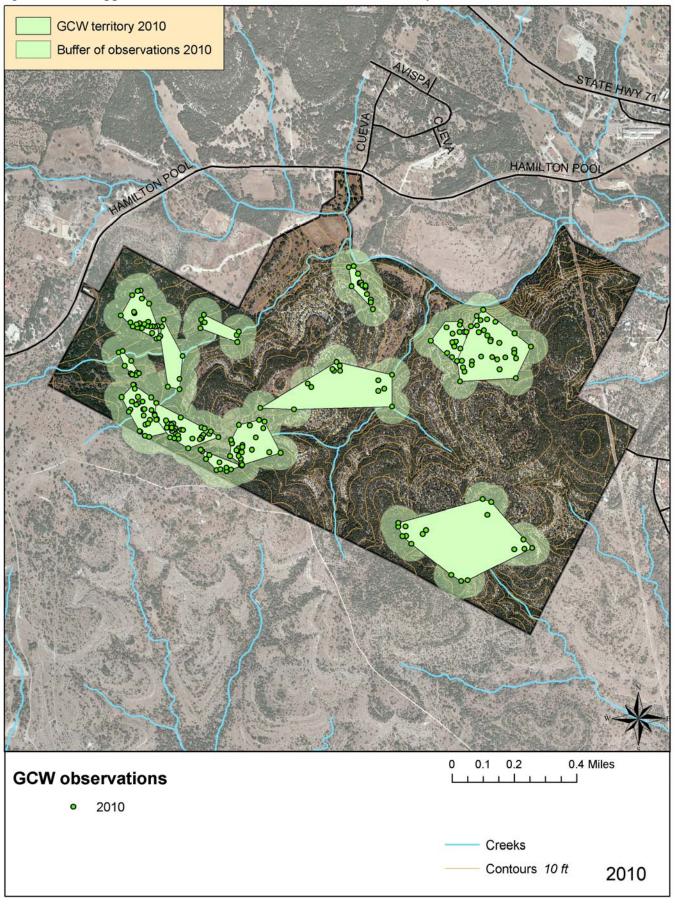


Figure 2.3-23 Lower Barton Creek Golden-cheeked warbler Surveys

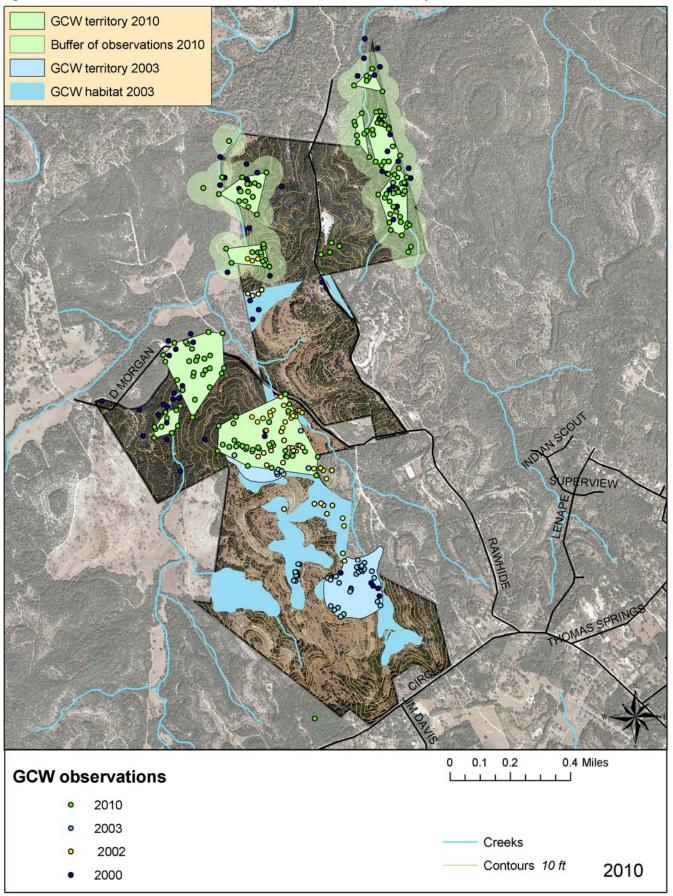
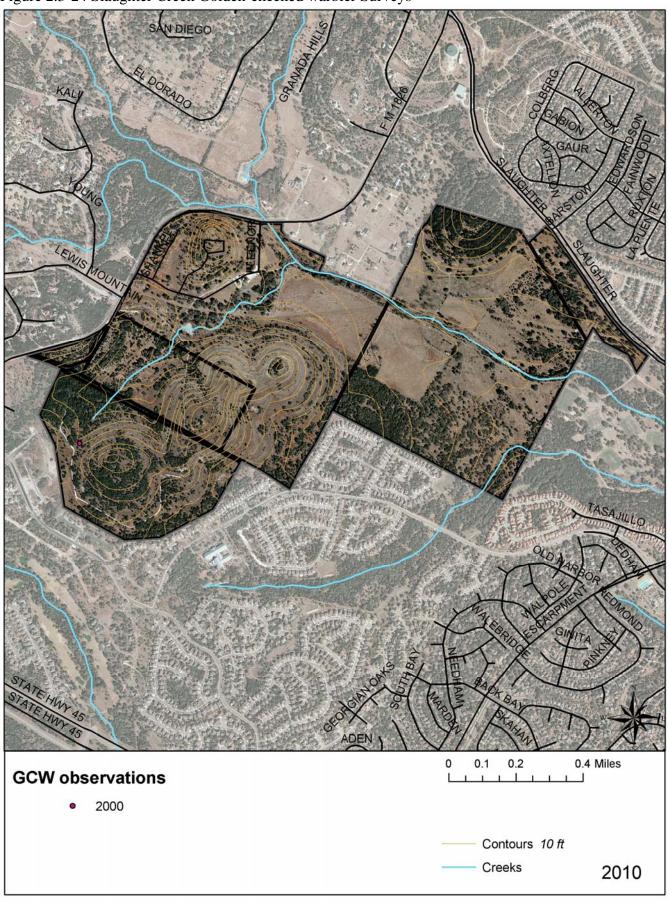


Figure 2.3-24 Slaughter Creek Golden-cheeked warbler Surveys

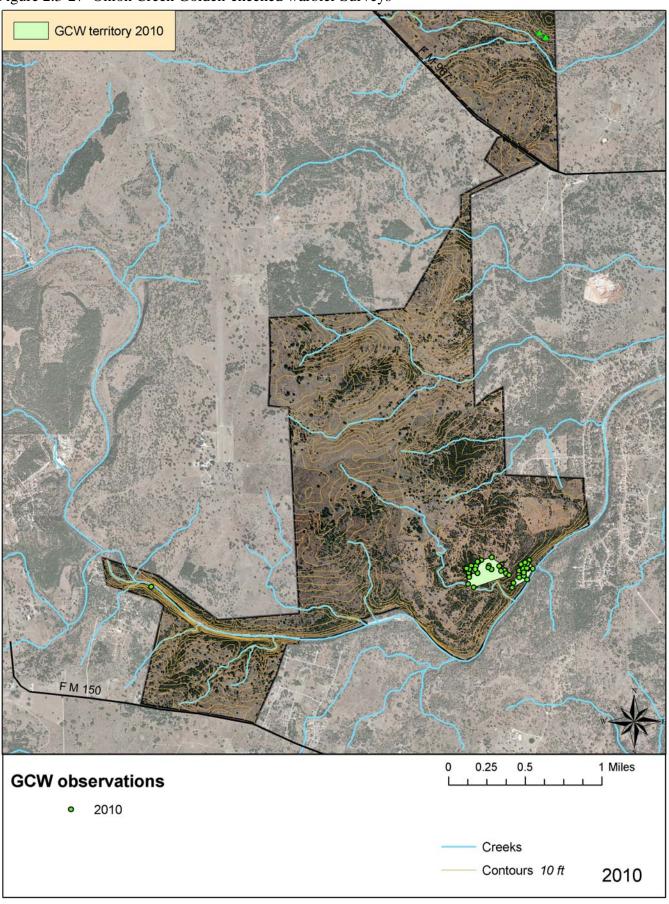


WYLDWOOD ELLYWOOD INDIAN POIN PILLAR CHAPARRAL SPANISH OF 0.15 0.3 0.6 Miles **GCW** observations 2003 2000 Contours 10 ft Creeks 2010

Figure 2.3-25 Bear Creek Golden-cheeked warbler Surveys

Figure 2.3-26 Little Bear Creek Golden-cheeked warbler and Black-capped vireo Surveys GCW territory 2010 GCW habitat 2003 SPANISH DAK RED OAK OAK GROVE 0.25 0.5 1 Miles **GCW** observations **BCV** observations 2010 2010 2003 2003 Creeks Contours 10 ft 2010

Figure 2.3-27 Onion Creek Golden-cheeked warbler Surveys



2.3-28 Shudde Fath Golden-cheeked warbler Surveys

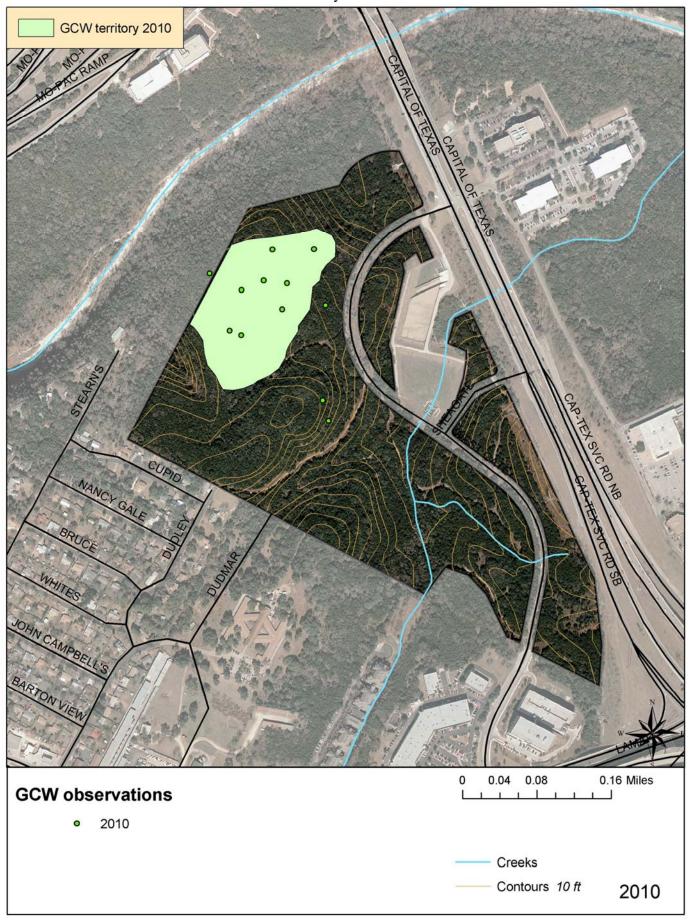
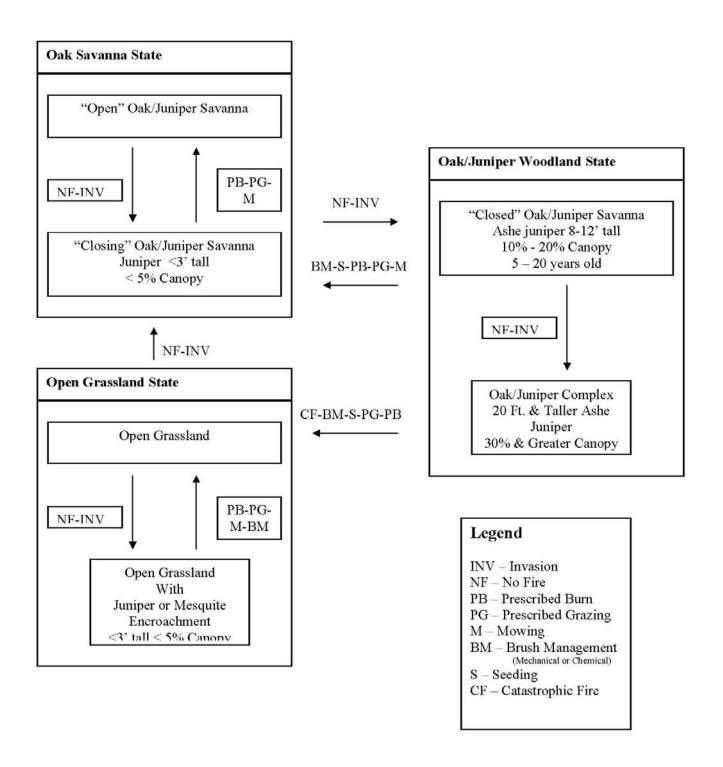


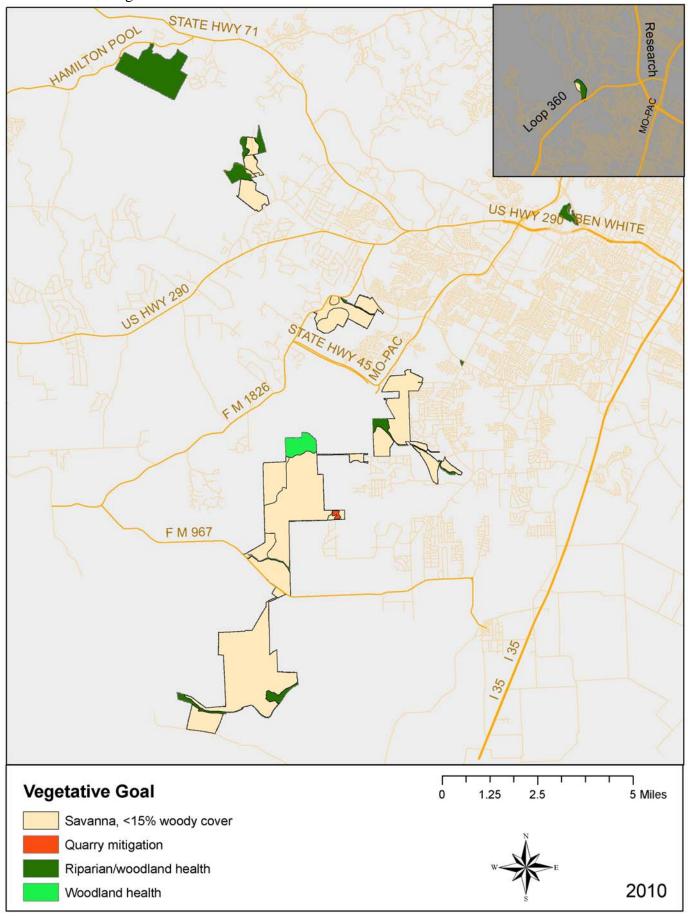
Figure 3.1-1: Common historical plant communities and transitional pathways for the ecological systems in the Water Quality Protection Lands. Adapted from (Anonymous 2000).



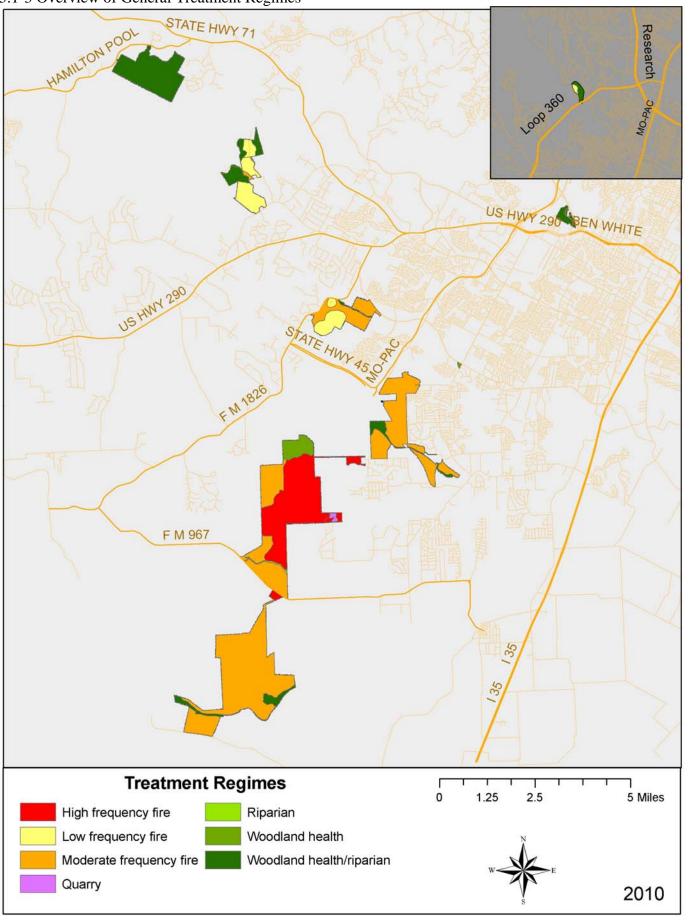
Potential GCW Habitat and Relative Occupancy Potential Value Potential Low Quality Habitat - Not Lkely to be Occupied Potential Medium Quality Habitat - Not Lkely to be Occupied Potential High Quality Habitat - Not Lkely to be Occupied Potential Low Quality Habitat - May be Occupied Potential Medium Quality Habitat - May be Occupied Potential High Quality Habitat - May be Occupied Potential Low Quality Habitat - Lkely to be Occupied Potential Medium Quality Habitat - Lkely to be Occupied Potential High Quality Habitat - Lkely to be Occupied 37,600 Feet 18,800 28,200 4,700 9,400 Lady Bird Johnson ower center **Property Boundaries** 2008

Figure 5.1-1 Potential GCW Habitat Overview: derived from Hays County Regional Habitat Conservation Plan

5.1-2 Overview of Vegetative Goals



5.1-3 Overview of General Treatment Regimes



5.2-1 Bull Creek Treatment Units and Trail

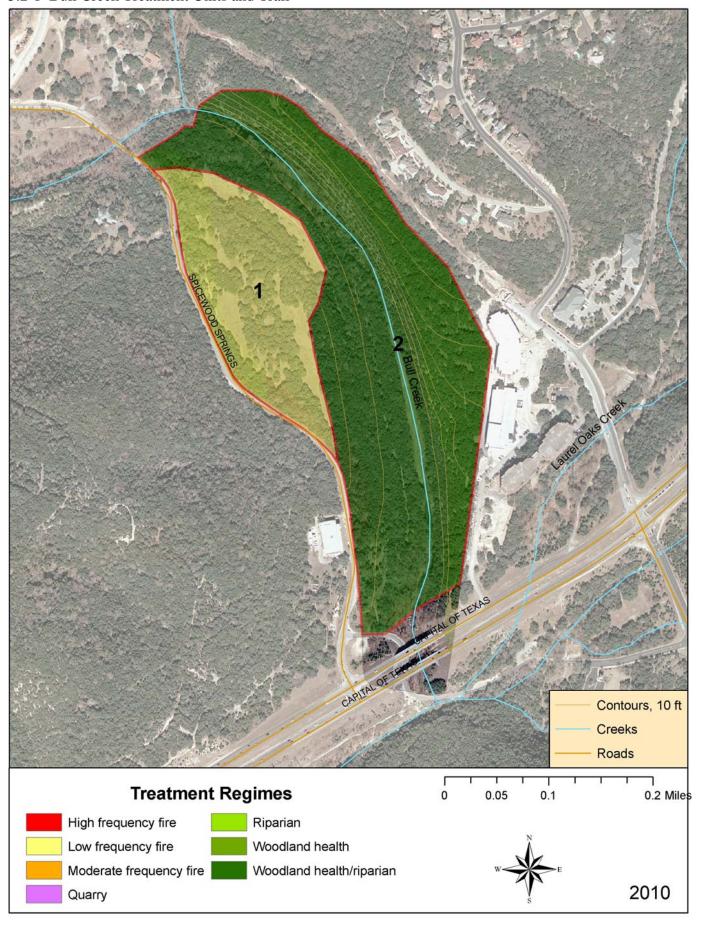


Figure 5.2-2 Upper Barton Creek Treatment Units

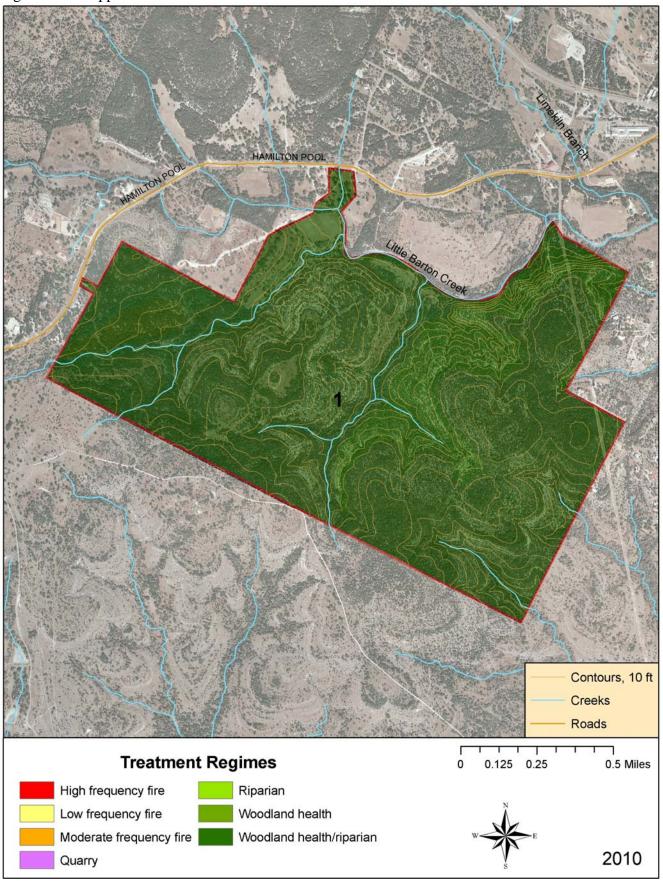


Figure 5.2-3 Lower Barton Creek Treatment Units

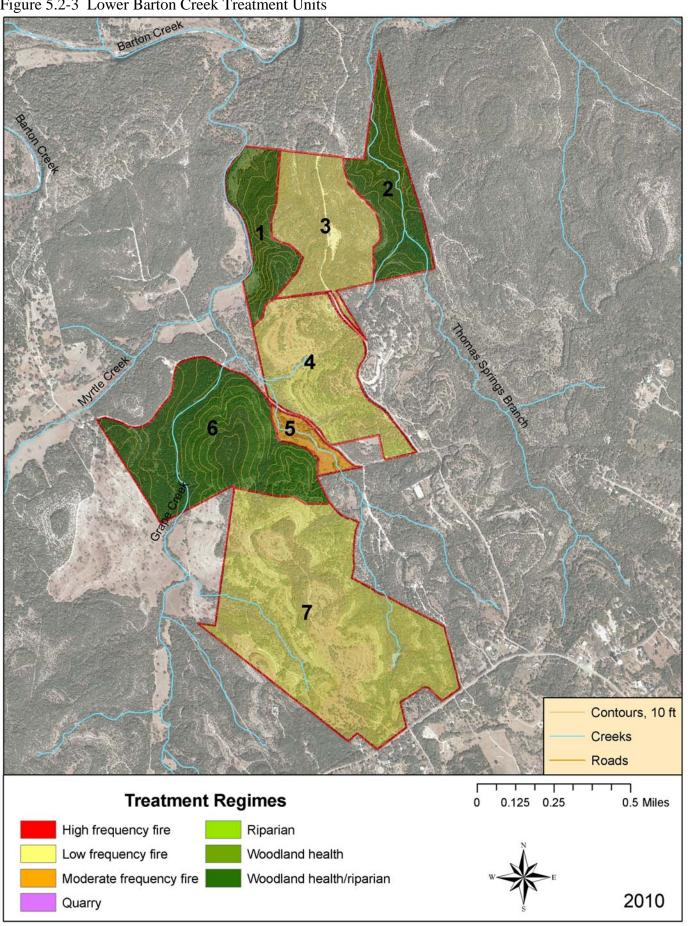


Figure 5.2-4 Slaughter Creek Treatment Units

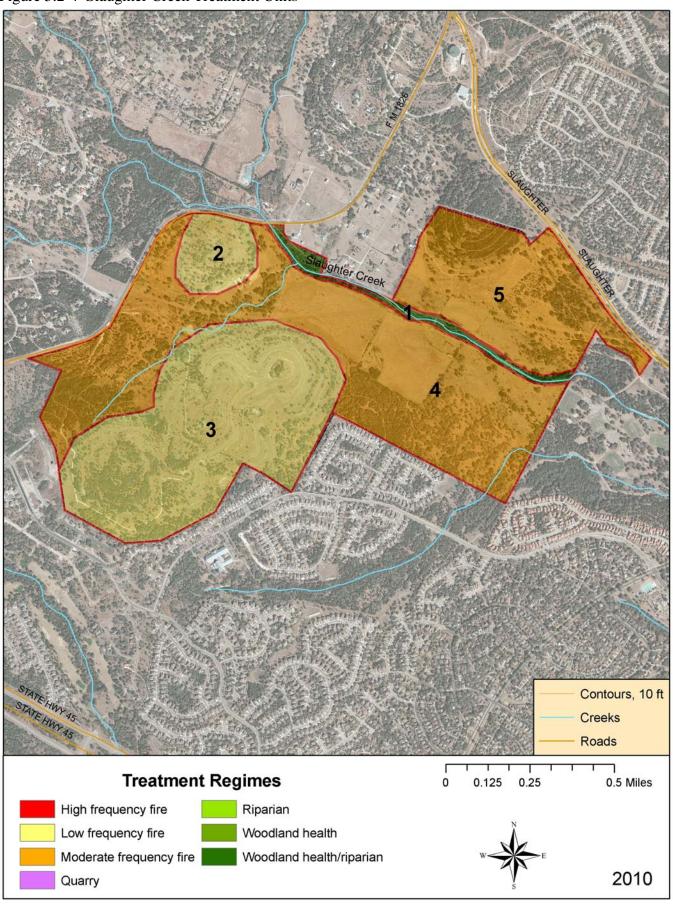


Figure 5.2-5 Bear Creek Treatment Units

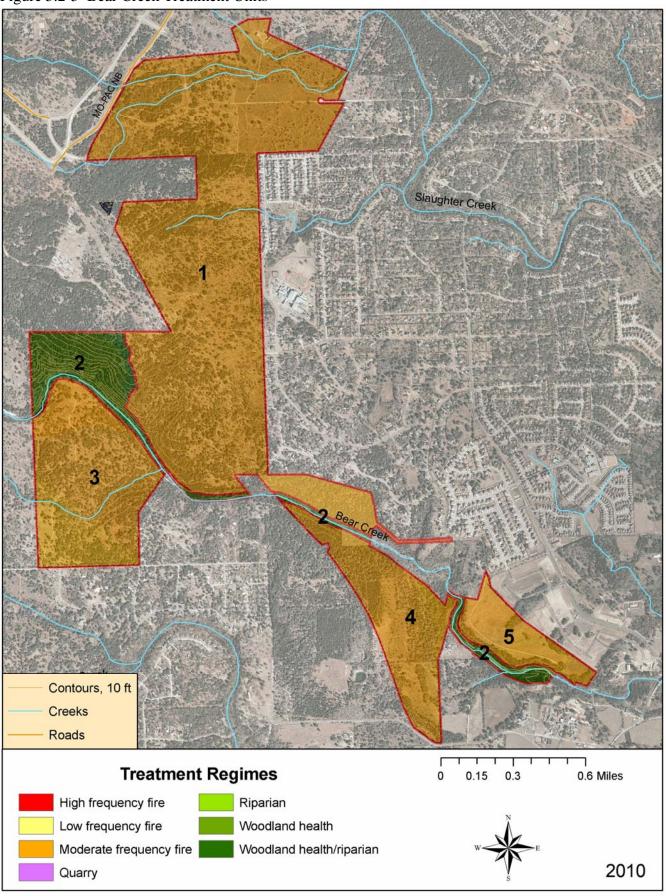


Figure 5.2-6 Little Bear Creek Treatment Units

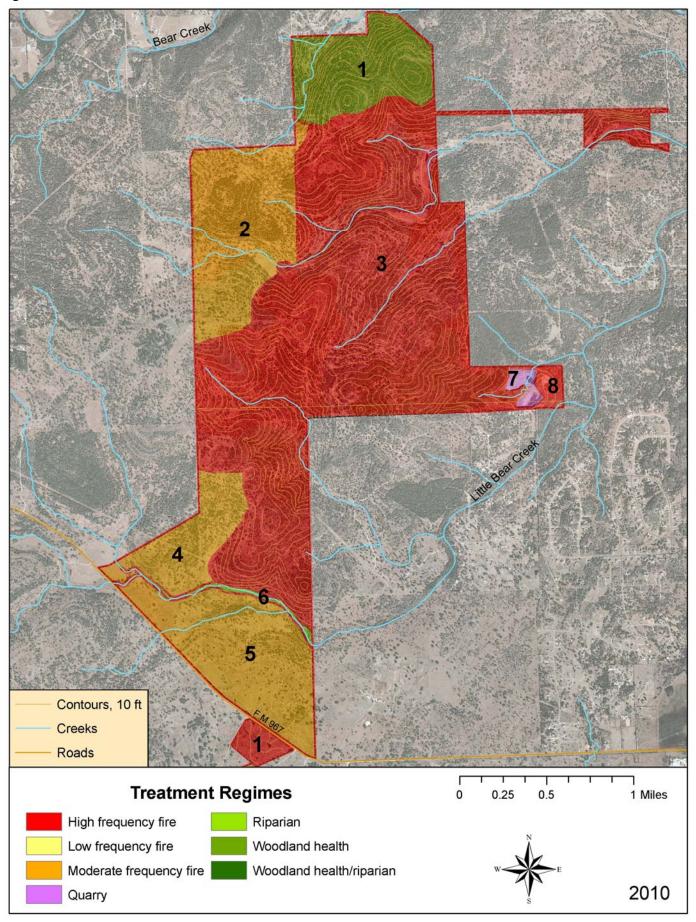


Figure 5.2-7 Onion Creek Treatment Units

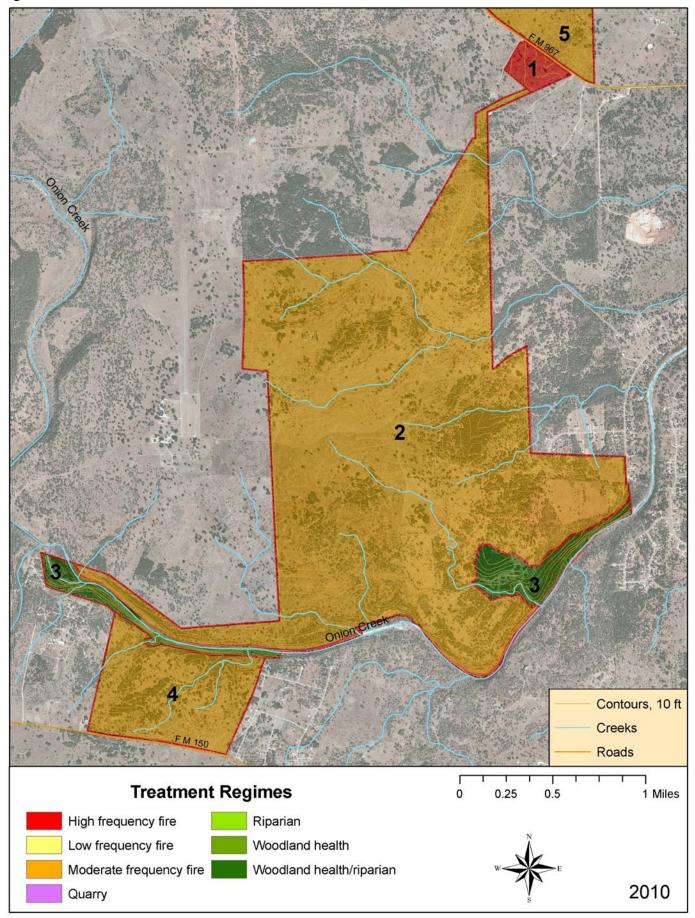


Figure 5.2-8 Shudde Fath Treatment Unit

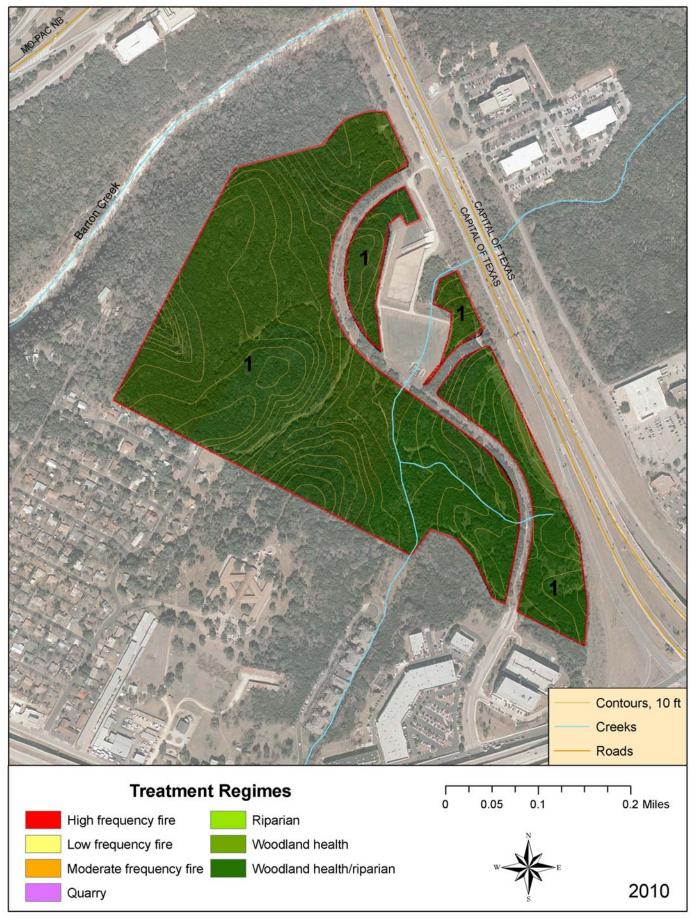


Figure 5.2-9 Brodie Wild Treatment Unit

